

## Appendix 2

```
void main() { char hwschan;
```

```
char unsigned 8 port;
```

5

```
    par {
```

```
        parallel_.,port(port);
```

```
        SyncGen();
```

10

```
        initialiseRam(port);
```

```
        par {
```

```
            display(hwschan): sw(hwschan);
```

```
            y 1 }
```

```
        }
```

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```
RTL description of main
```